

# REPORT OF MCO WORKING GROUP

John Hill

UEC-MCO 5-12-06

# List of UEC Members in MCO

Abhay Deshpande

Matthias Grosse-Perdekamp

John Hill (convener)

Brant Johnson

Michael Lisa (workshops annual meeting)

Sevil Salur

Michael Sivertz (open forums)

Carla Vale

Susan White-DePace (outreach and communications)

# Topics for Discussion

1. April Open Forum
2. Plans RHIC & AGS June User's Meeting

# 1. April Open Forum

- A. Scheduled meeting for Monday, April 23 from 2:00 to 3:00 p.m. Changed 3:30 to 4:30 p.m..
- B. Fulvia Pilat gave nice talk “Present Performance & Challenges of RHIC Operations” (long)
- C. Very good attendance of about 20 with good discussion during talks.
- D. Relations with conference staff confused and much changing at last minute.

## 2. Plans RHIC-AGS June User's Meeting

- A. Organizing Committee (John)
- B. Workshop Committee (Mike L.)
- C. Nominating Committee (Brant)
- D. Publicity (Poster) Committee (Susan)
- E. Poster Session Committee (Carla)
- F. Thesis Committee (Gary)

## A. Organizing Committee (John)

1. Organize and report in May
2. Theme: Renaissance for Discovery
3. Time June 5-9 with 5-7 for workshops and 8-9 for plenary sessions
4. Details plenary sessions below.

<b>08:30</b>	<b>Plenary Session I -- RHIC Heavy Ion Physics Results</b>	
	Chair - Brant Johnson	
08:30 - 08:40	Welcoming Address from UEC Chair	Brant Johnson
08:40 - 09:00	PHOBOS Heavy Ion Results and Perspectives	Gunther Roland
09:00 - 09:20	<b>BRAHMS Heavy Ion Results and Perspectives</b>	<b>TBN</b>
09:20 - 09:45	PHENIX Heavy Ion Results and Perspectives	Martin Purschke
09:45 – 10:10	30 minute Break and <b>Poster Session</b>	

<b>10:40</b>	<b>Plenary Session II -- RHIC Spin Physics and p+p Results</b>	
	Chair - Gary Westfall	
10:40 - 10:50	Outgoing Past Chair Address	Gary Westfall
10:50 - 11:10	RHIC Polarized p+p Machine Performance	Vadim Ptitsyn
11:10 - 11:35	STAR Spin & p+p Results and Perspectives	Dave Relyea
11:35 - 12:00	PHENIX Spin & p+p Results and Perspectives	Abhay Deshpande
12:00 - 12:20	<b>BRAHMS Spin &amp; p+p Results and Perspectives</b>	J. H. Lee (BNL)
<b>12:20</b>	<b>Lunch and <u>Open Forum</u></b>	
	Chair: <b>Mike Sivertz</b>	
12:20 - 12:30	Grab some lunch and find a seat	
12:30 - 12:45	Welcome and Review of Political Activities	John Hill
12:45 - 01:00	Results from Quality of Life Survey	<b>Gary Westfall</b>
01:00 - 01:15	Results from Site Access and Science Survey	<b>Jim Sowinski</b>
01:15 - 01:30	General Discussion of User Issues and Concerns	



<b>01:30</b>	<b>Plenary Session III -- Director Address and Funding</b>	
	Chair: John Hill	
01:30 - 01:35	<u>Thesis Award</u> Presentations	Sam Aronson
01:35 - 01:50	Brookhaven Interim Director Address	Sam Aronson
01:50 - 02:10	Department of Energy, Office Nuclear Physics	Dennis Kovar
02:10 - 02:30	Department of Energy, Heavy Ion Physics	Gulshan Rai
02:30 - 02:50	Department of Energy, Spin Physics	Brad Tippens
02:50 - 03:10	National Science Foundation, Nuclear Physics	Brad Keister
03:10 - 03:40	30 minute Break and Poster Session	

<b>03:40</b>	<b>Plenary Session IV -- Future Perspectives</b>	
	Chair: John Hill	
03:40 - 03:45	Best Poster Award Presentation	BNL Admin.
03:45 - 04:10	Future of Nuclear/High Energy Physics at BNL	TBA
04:10 - 04:40	Science Case for RHIC-II	Barbara Jacak
04:40 - 05:10	Science Case for e-RHIC	TBA
05:10 - 05:40	Studying the QCD Critical Point at RHIC	Krishna Rajagopal
05:40 - 05:50	Election Results and Other Business	John Hill
06:00	Users' Cocktail Hour ( <a href="#">Brookhaven Center, Bldg. 30</a> ) - <i>compliments of BSA</i>	
07:00	Annual Users' Meeting Dinner ( <a href="#">Brookhaven Center, Bldg. 30</a> ) - <i>reservations required (After Dinner Speaker)</i>	

----- Friday, June 9, 2006, Berkner Hall Auditorium 8:30  
**Plenary Session V – Workshop Overview and Invited Speakers**  
Chair Peter Steinberg

8:30—9:10 Overview of Workshops Peter Steinberg

9:10—9:50 The Proton Spin Crisis: Is a solution in sight? Elliott Leader

9:50—10:20 Recent Results from AGS Experiment E949 Ilektra Christidi, USB

10:20—10:40 ----- 20 min. break -----

10:40—11:20 PHENIX Capabilities for Studying the QCD Critical Point TBC

11:20—12:00 STAR Capabilities for Studying the QCD Critical Point TBC

12:00—1:30 ----- need 90 min. lunch break for trip to Berkner and back -----

**1:30 Plenary Session VI – Future Upgrades to RHIC, PHENIX, & STAR**

Chair      Abhay Deshpande

1:30—1:50	Near-Term Luminosity Upgrades for RHIC	Wolfram Fischer
1:50—2:10	Longer-Term Luminosity Upgrades (RHIC-II)	Ilan Ben Zvi
2:10—2:30	Electron + Heavy Ion Upgrade (e-RHIC)	Vladimir Litvinenko
2:30—2:50	Low-Energy Running (RHIC 1/2)	Todd Satogata
2:50—3:20	Overview of STAR Upgrades	Zhangbu Xu
3:20—3:50	Overview of PHENIX Upgrades	Mickey Chiu
3:50—4:00	Closing Remarks	John Hill

4:00 ===== CA-D End of Run-6 Party =====

## B. Workshop Committee (Mike L.)

1. Workshop schedule complete. (Mike & Matthias!)  
Angela has schedule.
2. Three days for 9 workshops, June 5-7. Rooms are Hamilton room (Chem.) and Large and Small Seminar rooms (Phys.).
3. Have 6 full day and 3 half day workshops.

## B. Workshop Committee (Mike L.)

1. Helicity Structure of the Nucleon
2. From High  $\mu_B$  to High Energy (Monday)
3. EM Radiation / Low-Mass Dileptons
4. Quarkonium Production
5. Hadronization (Tuesday)
6. Transverse Spin
7. Accelerator Aspects of Energy Scans (go to Wednesday?)
8. Interactions Between Hard Probes & the Bulk
9. How Perfect is this Matter? (Wednesday)
10. Dipole Moments in Storage Rings

# C. Nominating Committee (Brant)

1. Members Brant, John, Mike L., Barbara, Bill, Greg
2. Positions open for election are chair-elect, 3 members (3 years), 2 student/P.D. (1 year)
3. Chair-Elect: Rene Bellwied, Michael Murray
4. Student/P.D.: Sarah Campbell (stud.), Richard Hollis P.D.), Christine Nattrass (stud.)
5. Members: Helen Caines, Raphael Granier de Cassagnac, Adam Kisiel, Gerco Onderwater, Ernst Sichtermann, Jim Sowinski, Charles Whitten

## D. Publicity (Poster) Committee (Susan)

1. Users' Center will distribute posters around BNL and send one to every RHIC user institution. (DONE)



## E. Poster Session Committee (Carla)

1. Prepare email announcing poster competition and Susan sends out. Status?
2. Individual emails, STAR (Sevil) and PHENIX (Carla).  
Wait to some response from Susan's email.
3. Post flyers in BNL buildings and send institutions.
4. Susan is getting prize.
5. Carla and Sevil will select and/or be judges.

## F. Thesis Committee (Gary)

1. Susan sent out announcement on 1-24 of Thesis Award Competition. 2 awards and prize \$3K each.
2. Gary, John L. and George Stephans completed judging.